

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

CHOI, Jong-Sik  
Haecheon Bldg.  
741-40 Yeoksam 1-dong  
Kangnam-ku  
Seoul 135-081  
Republic of Korea

Date of mailing (day/month/year)  
09 décembre 2002 (09.12.02)

Applicant's or agent's file reference  
P00P4004/PCT

## IMPORTANT NOTIFICATION

International application No.  
PCT/KR00/00875

International filing date (day/month/year)  
09 août 2000 (09.08.00)

## 1. The following indications appeared on record concerning:

☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative

## Name and Address

SECUVE CO., LTD.  
18, Kumi-dong, Pundang-ku  
Sungnam-shi  
Kyoung-do 463-500  
Republic of Korea

## State of Nationality

KR

## State of Residence

KR

## Telephone No.

82-031-705-4855

## Facsimile No.

82-031-789-5309

## Teleprinter No.

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

## Name and Address

SECUVE CO., LTD.  
60, Yangjae-dong  
Seocho-gu  
Seoul 137-889  
Republic of Korea

## State of Nationality

KR

## State of Residence

KR

## Telephone No.

82-031-705-4855

## Facsimile No.

82-031-789-5309

## Teleprinter No.

## 3. Further observations, if necessary:

## 4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned  
☐ the International Searching Authority ☒ the elected Offices concerned  
☐ the International Preliminary Examining Authority ☐ other:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

## Authorized officer

Abderrezak SMAHI (Fax 338.89.65)

Telephone No.: (41-22) 338.83.38

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
US Department of Commerce  
United States Patent and Trademark  
Office, PCT  
2011 South Clark Place Room  
CP2/5C24  
Arlington, VA 22202  
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

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MAR 25 2002

TC 2000 MAIL ROOM

Date of mailing (day/month/year) 15 February 2002 (15.02.02)	
International application No. PCT/KR00/00875	Applicant's or agent's file reference P00P4004/PCT
International filing date (day/month/year) 09 August 2000 (09.08.00)	Priority date (day/month/year) 14 April 2000 (14.04.00)
Applicant EUN, You-Jin et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

09 November 2001 (09.11.01)

☐ in a notice effecting later election filed with the International Bureau on:

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SEP 19 2002

Technology Center 2100

2. The election
- ☒
- was
- 
- ☐
- was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Carine SEVILLANO
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

## PCT REQUEST

1/4

P00P4004/PCT

Original (for SUBMISSION) - printed on 09.08.2000 02:41:13 PM

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4 0-4-1	Form - PCT/RO/101 PCT Request Prepared using	PCT-EASY Version 2.91 (updated 01.07.2000)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Industrial Property Office (RO/KR)
0-7	Applicant's or agent's file reference	P00P4004/PCT
I	Title of invention	METHOD AND APPARATUS FOR PROTECTING FILE SYSTEM BASED ON DIGITAL SIGNATURE CERTIFICATE
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SECUVE CO., LTD.
II-5	Address:	18, Kumi-dong, Pundang-ku, Sungnam-shi 463-500 Kyoungki-do Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-031-705-4855
II-9	Facsimile No.	82-031-789-5309
II-10	e-mail	silver@secuve.com
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	EUN, You-Jin
III-1-5	Address:	#104-1801 Hanil Town Apt., 881 Jowon-dong, Jangan-ku, Suwon-shi 440-200 Kyoungki-do Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	HONG, Ki-Yoong
III-2-5	Address:	#505-104 Mujigae Maeul, 221 Gumi-dong, Pundang-ku, Sungnam-shi 463-500 Kyoungki-do Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	LEE, Min-Goc
III-3-5	Address:	#106-403 Pungrim Apt., 447 Sangha-ri, Gusung-myun, Yongin-shi 449-910 Kyoungki-do Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	KIM, Jae-Myung
III-4-5	Address:	9-5 Hwayang-dong, Kwangjin-ku 143-130 Seoul Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	CHOI, Jong-Sik
IV-1-2	Address:	Haechon Bldg., 741-40 Yeoksam 1-dong, Kangnam-ku 135-081 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-555-7503
IV-1-4	Facsimile No.	82-2-553-1450
IV-1-5	e-mail	sspat@shinsung-patent.co.kr
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	WONN, Seok-Hee

## PCT REQUEST

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V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE CH&amp;LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW</p>
V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	14 April 2000 (14.04.2000)
VI-1-2	Number	2000-19727
VI-1-3	Country	KR
VII-1	International Searching Authority Chosen	Korean Industrial Property Office (KIPO) (ISA/KR)

## PCT REQUEST

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P00P4004/PCT

VIII	Check list		
VIII-1	Request	4	number of sheets
VIII-2	Description	14	electronic file(s) attached
VIII-3	Claims	10	-
VIII-4	Abstract	1	-
VIII-5	Drawings	13	p00p4004pct.txt
VIII-7	TOTAL	42	-
VIII-8	Accompanying items		paper document(s) attached
VIII-9	Fee calculation sheet		electronic file(s) attached
VIII-12	Separate signed power of attorney		-
VIII-16	Priority document(s)	Item(s) VI-1	-
VIII-18	PCT-EASY diskette	-	diskette
VIII-19	Figure of the drawings which should accompany the abstract	2	
IX-1	Language of filing of the international application	English	
IX-1-1	Signature of applicant or agent		
IX-2	Name (LAST, First)	CHOI, Jong-Sik	
IX-2-1	Signature of applicant or agent		
IX-2-1	Name (LAST, First)	WONN, Seok-Hee	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed, until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

CHOI, Jong-Sik  
Haecheon Bldg.  
741-40 Yeoksam 1-dong  
Kangnam-ku  
Seoul 135-081  
RÉPUBLIQUE DE CORÉE

Date of mailing (day/month/year) 25 October 2001 (25.10.01)		
Applicant's or agent's file reference POOP4004/PCT		
International application No. PCT/KR00/00875	International filing date (day/month/year) 09 August 2000 (09.08.00)	Priority date (day/month/year) 14 April 2000 (14.04.00)
Applicant SECUVE CO., LTD. et.al		

## IMPORTANT NOTICE

1. Notice is hereby given that the International Bureau has **communicated**, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:  
KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE,AG,AL,AM,AP,AT,AU,AZ,BA,BB,BG,BR,BY,BZ,CA,CH,CN,CR,CU,CZ,DE,DK,DM,DZ,EA,EE,EP,  
ES,FI,GB,GD,GE,GH,GM,HR,HU,ID,IL,IN,IS,JP,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,MD,MG,  
MK,MN,MW,MX,MZ,NO,NZ,OA,PL,PT,RO,RU,SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,TZ,UA,UG,UZ,VN,

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 25 October 2001 (25.10.01) under No. WO 01/80482

## REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

## REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and the PCT Applicant's Guide, Volume II.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  J. Zahra
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.91.11

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ KR

# PCT

## CHAPTER II

### DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only	
Identification of IPEA	Date of receipt of DEMAND
<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>	
Applicant's or agent's file reference P00P4004/PCT	
International application No. PCT/KR00/00875	International filing date (day/month/year) 09/08/2000
(Earliest) Priority date (day/month/year) 14/04/2000	
Title of invention METHOD AND APPARATUS FOR PROTECTING FILE SYSTEM BASED ON DIGITAL SIGNATURE CERTIFICATE	
<b>Box No. II APPLICANT(S)</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SECUVE CO., LTD. 18 Kumi-dong, Pundang-ku, Sungnam-shi, Kyoungki-do 463-500, Republic of Korea	
Telephone No. 82-031-705-4855	
Facsimile No. 82-031-789-5309	
Teleprinter No.	
Applicant's registration No. with the Office	
State (that is, country) of nationality: KR	State (that is, country) of residence: KR
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) LEE, Min-Goo #106-403 Pungrim Apt., 447 Sangha-ri, Gusung -myun, Yongin-shi, Kyoungki-do 449-910, Republic of Korea	
State (that is, country) of nationality: KR	State (that is, country) of residence: KR
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) KIM, Jae-Myung 9-5 Hwayang-dong, Kwangjin-ku, Seoul 143-130, Republic of Korea	
State (that is, country) of nationality: KR	State (that is, country) of residence: KR
<input checked="" type="checkbox"/> Further applicants are indicated on a continuation sheet.	



**Continuation of Box No. II APPLICANT(S)***If none of the following sub-boxes is used, this sheet should not be included in the demand.*Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

EUN, You-Jin  
#104-1801 Hanil Town Apt., 881 Jowon-dong, Jangan-ku, Suwon-shi,  
Kyoungki-do 440-200, Republic of Korea

State *(that is, country)* of nationality:

KR

State *(that is, country)* of residence:

KR

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

HONG, Ki-Yoong  
#505-104 Mujigae Maeul, 221 Gumi-dong, Pundang-ku, Sungnam-shi,  
Kyoungki-do 463-500, Republic of Korea

State *(that is, country)* of nationality:

KR

State *(that is, country)* of residence:

KR

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*State *(that is, country)* of nationality:State *(that is, country)* of residence:Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*State *(that is, country)* of nationality:State *(that is, country)* of residence:☐ Further applicants are indicated on another continuation sheet.

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The following person is ☒ agent ☐ common representative  
 and ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.  
☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.  
☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.

Name and address: (Family name followed by given name; for a legal entity, full official designation.  
 The address must include postal code and name of country.)

CHOI, Jong-Sik ; WONN, Seok-Hee  
 Haecheon Bldg., 741-40, Yeoksam 1-dong, Kangnam-ku,  
 Seoul 135-081, Republic of Korea

Telephone No.

82-2-555-7503

Facsimile No.

82-2-553-1450

Teleprinter No.

Agent's registration No. with the Office

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filed

the description ☐ as originally filed  
☐ as amended under Article 34

the claims ☐ as originally filed  
☐ as amended under Article 19 (together with any accompanying statement)  
☐ as amended under Article 34

the drawings ☐ as originally filed  
☐ as amended under Article 34

2. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.

3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)). (This check-box may be marked only where the time limit under Article 19 has not yet expired.)

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: English

☒ which is the language in which the international application was filed.

☐ which is the language of a translation furnished for the purposes of international search.

☐ which is the language of publication of the international application.

☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.

**Box No. V ELECTION OF STATES**

The applicant hereby elects all eligible States (that is, all States which have been designated and which are bound by Chapter II of the PCT)

excluding the following States which the applicant wishes not to elect:

**Box No. VI CHECK LIST**

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |  |   |        |
|--|---|--------|
| 1. translation of international application                              | : | sheets |
| 2. amendments under Article 34   | : | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 | : | sheets |
| 4. copy (or, where required, translation) of statement under Article 19  | : | sheets |
| 5. letter  | : | sheets |
| 6. other ( <i>specify</i> )  | : | sheets |

For International Preliminary Examining Authority use only

received not received

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> fee calculation sheet                             | 5. <input type="checkbox"/> statement explaining lack of signature     |
| 2. <input type="checkbox"/> original separate power of attorney                          | 6. <input type="checkbox"/> sequence listing in computer readable form |
| 3. <input type="checkbox"/> original general power of attorney                           | 7. <input type="checkbox"/> other ( <i>specify</i> ):                  |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: |  |

**Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

CHOI, Jong-Sik

WONN, Seok-Hee



For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:
2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):
3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply. ☐ The applicant has been informed accordingly.
4. ☐ The date of receipt of the demand is WITHIN the period of 19 months from the priority date, as extended by virtue of Rule 80.5.
5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on: